

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Bell, et al.	Atty. Ref.:	18003
Appl. No.:	09/664,444	Group Art Unit:	1645
Filed:	September 18, 2000	Examiner:	Robert A. Zeman
Conf. No.:	4773	Customer No.:	31976
For:	ONCOLYTIC VIRUS		



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December 23, 2003

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Sir:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Examiner is directed to the documents listed on the enclosed Form PTO-1449. A copy of each listed document is enclosed.

This Statement is being filed in conjunction with a Request for Continued Examination for the above-mentioned application.

It is believed that no fee is required in connection with the filing of this Statement. If any fee is required, the Commissioner is hereby authorized to charge the amount of such fee to Deposit Account No. 50-1677.

Respectfully submitted,

Lewis J. Kreisler

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Substitute for form 1449B/PTO		Complete if Known	
		Application Number	09/664,444
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Filing Date	September 18, 2000
		First Named Inventor	John C. Bell
		Group Art Unit	1645
		Examiner Name	Robert A. Zeman
		Attorney Docket Number	18003
Sheet	1	of	10

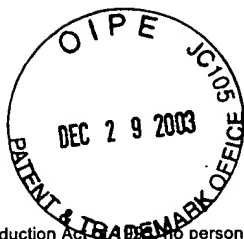
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		Kirn, et al., "Replicating Viruses as Selective Cancer Therapeutics", Molecular Medicine Today, pages 519-527, December 1996.	
		Heise, et al., "Onyx-015, an E1B gene-attenuated adenovirus, causes tumor-specific cytolysis and antitumoral efficacy that can be augmented by standard chemotherapeutic agents", Nature Medicine, Vol 3, No. 6, pages 639-645, June 1997.	
		Zhang, et al. "Treatment of a human breast cancer xenograft with an adenovirus vector containing an interferon gene results in rapid regression due to viral oncolysis and gene therapy", Proc. Natl. Acad. Sci. USA, Vol 93, pages 4513-4518, April 1996.	
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		Chou, et al., "Association of a Mr 90,000 phosphoprotein with protein kinase PKR in cells exhibiting enhancing phosphorylation of translationsimplex virus 1", Proc. Natl. Acad. Sci. USA, Vol 92, pages 10516-10520, November 1995.	
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		Machida, et al. "Effective of Nucleosides on Interferon Production and Development of Antiviral State Induced by Poly I-Poly C", Microbiol. Immunol., Vol. 23 (7), pages 643-650, 1979	

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		Tanaka, et al., "Cellular Commitment to Oncogene-Induced Transformation or Apoptosis is Dependent on the Transcription Factor IRF-1", Cell, Vol. 77, pages 829-839, June 17, 1994.	
		Pennisi, "Will a Twist of Viral Fate Lead to a New Cancer Treatment?", Science, Vol. 274, Pages 342-343, October 18, 1996.	
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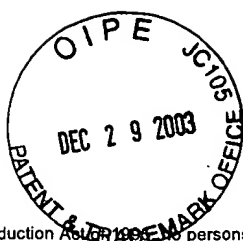
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		Arroyo, et al., "Active specific immunotherapy with vaccinia colon oncolysate enhances the immunomodulatory and antitumor effects of interleukin-2 and interferon x in a murine hepatic metastasis model", Cancer Immunology Immunotherapy, Vol. 31, pages 305-311, 1990.	
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		Csatary, et al., "Attenuated Veterinary Virus Vaccine for the Treatment of Cancer", Cancer Detection and Prevention, Vol 17, No. 6, pages 619-627, 1993.	
		Cassel, et al., "Newcastle Disease Virus as an Antineoplastic Agent", Cancer, Vol. 18, No. 7, pages 863-868, July 1965.	
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		Lorence, et al., "Newcastle Disease Virus as an Antineoplastic Agent: Induction of Tumor Necrosis Factor- x and Augmentation of Its Cytotoxicity", Journal of the National Cancer Institute, Vol. 80, No. 16, pages 1305-1312, October 19, 1988.	

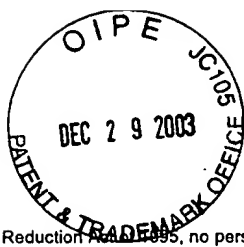
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		Filing Date	September 18, 2000
		First Named Inventor	John C. Bell
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		Examiner Name	Robert A. Zeman
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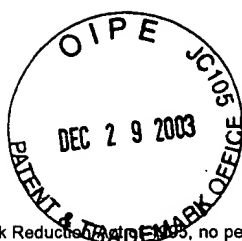
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		Reichard, et al., "Newcastle Disease Virus Selectively Kills Human Tumor Cells", Journal of Surgical Research, Vol 52, pages 448-453, 1992.	
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		Bohle, et al. "Postoperative Active Specific Immunization in Colorectal Cancer Patients with Virus-Modified Autologous Tumor-Cell Vaccine", Cancer, Vol. 66, No. 7, pages 1517-1523, October 1, 1990.	
		Eaton, et al., "Autoimmunity Induced by Injection of Virus-Modified Cell Membrane Antigens in Syngeneic Mice", Infection and Immunity, Vol. 15, No. 1, pages 322-328, January 1977.	

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		Wheelock, et al., "Observation on the Repeated Administration of Viruses to a Patient with Acute Leukemia", The New England Journal of Medicine, Vol. 271, No. 13, pages 645-651, September 24, 1964.	
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		Kirn, et al., "ONYX-015 selectively replicates in and lyses cells lacking functional p53", Proceedings for the American Association for Cancer Research, Vol. 37, page 352, March 1996. Abstract 2400.	

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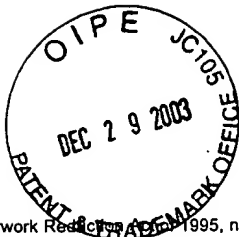
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		Field, et al., "The pathogenicity of thymidine kinase-deficient mutants of herpes simplex virus in mice", J. Hyg., Camb., Vol. 81, pages 267-277, 1978.	
		Spriggs, et al., "Attenuated reovirus type 3 strains generated by selection of haemagglutinin antigenic variants", Nature, Vol. 297, pages 68-70, May 6, 1982.	
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		Hughes, et al., "Vaccinia Virus Encodes an Active Thymidylate Kinase that Complements a cdc8 Mutant of Saccharomyces cerevisiae", Journal of Biological Chemistry, Vol. 266, No. 30, pages 20103-20109, October 25, 1991.	
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		Takafuji, et al., "Simultaneous Administration of Live, Enteric-Coated Adenovirus Types 4, 7, and 21 Vaccines: Safety and Immunogenicity", Journal of Infectious Diseases, Vol. 140, No. 1, pages 48-53, July 1979.	
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		Beattie, et al., "Host-Range Restriction of Vaccinia Virus E3L-Specific Deletion Mutants", Virus Genes, Vol. 12, No. 1, pages 89-94, 1996.	

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		Howard, et al., "Retrovirus-Mediated Gene Transfer of the Human...Gene: A Therapy for Cancer", Annals New York Academy of Sciences, Duke University Medical Center, pages 167-187.	
		Suskind, et al., US Dept. of Health, Education & Welfare, N.I.H., National Institute of Allergy and Infectious Disease, and N.C.I, Bethesda, MD., "Viral Agents Oncolytic for Human Tumors in Heterologous Host: Oncolytic Effect of Coxsackie B. Viruses, pages 309-318, October 29, 1956.	
		Bluming, et al., "Regression of Burkitt's Lymphoma...Association with Measles Infection" The Lancet, pages 105-106, July 10, 1971.	
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Substitute for form 1449B/PTO		Complete if Known	
		Application Number	09/664,444
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	September 18, 2000
		First Named Inventor	John C. Bell
		Group Art Unit	1645
		Examiner Name	Robert A. Zeman
		Attorney Docket Number	18003
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Sheet	8	of	10

NON PATENT PUBLICATIONS			
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		Kalvakolanu, et al., "Differentiation-dependent activation of interferon-stimulated gene factors and transcription factor NF-kB in mouse embryonal carcinoma cells", Proc. Natl. Acad. Sci. USA, Vol. 90, pages 3167-3171, April 1993.	
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		Filing Date	September 18, 2000
		First Named Inventor	John C. Bell
		Group Art Unit	1645
		Examiner Name	Robert A. Zeman
Sheet 9 of 10	Attorney Docket Number	18003	

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		Asada, "Treatment of Human Cancer with Mumps Virus", Cancer, Vol. 34, pages 1907-1928, December 1974.	
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		First Named Inventor	John C. Bell
		Group Art Unit	1645
		Examiner Name	Robert A. Zeman
		Attorney Docket Number	18003
Sheet	10	of	10

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